

IDS - 09/27/2004  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

**Complete if Known**

Application Number	Not yet assigned
Confirmation Number	Not yet assigned
Filing Date	September 27, 2004
First Named Inventor	Alessandro TREDICUCCI
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	Q83897

Sheet	1	of	1
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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
TVR		R. Colombelli, et al.: "Far-Infrared Surface-Plasmon Quantum-Cascade Lasers at 21.5 $\mu\text{m}$ and 24 $\mu\text{m}$ Wavelengths"; Applied Physics Letters, American Institute of Physics. New York, US, vol. 28, no. 18, April 30, 2001, pages 2620-2622, XP001059510, ISSN: 0003-6951, cited in the application page 2620, right hand column, paragraph 2, Figures 1, 2, page 2621, left-hand column, paragraph 2, pages 2622, right-hand column, paragraph 1	
		R. Koehler, et al.: "High Intensity Interminiband Terahertz Emission From Chirped Superlattices" Applied Physics Letters, American Institute of Physics. New York, US, vol. 80, no. 11, March 18, 2002, pages 1867-1869, XP001108440, ISSN: 0003-6951, abstract page 1867, left-hand column-right-hand column	
		R. Koehler, et al.: "Terahertz Semiconductor-Heterostructure Laser" Nature, Macmillan Journals Ltd., London, GB, Vol. 417, May 9, 2002, pages 156-159, XP001147572, ISSN: 0028-0836	
		M. Rocchat, et al.: "Low-Threshold Terahertz Quantum-Cascade Lasers" Applied Physics Letters, American Institute of Physics. New York, US, vol. 81, no. 8, August 19, 2002, pages 1381-1383, XP001142480, ISSN: 0003-6951	
		C. Sirtori, et al.: "Low-loss Al-Free Waveguides for Unipolar Semiconductor Lasers" Applied Physics Letters, American Institute of Physics. New York, US, vol. 75, no. 25, December 20, 1999, pages 3911-3913, XP000902551, ISSN: 0003-6951, page 3911, right-hand column; figure 1 and 2, page 3912, left-hand column, line 1-line 13, page 3912, right-hand column, line 1-6, page 3913, left-hand column, paragraph 3	

**Examiner Signature**

/Tod Van Roy/ (07/13/2006)

**Date Considered**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.